AEE/PSD/021SBR/02/17-18/23/3/18

FIRST & Final

Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

No..... (For other works) Date:.....

Division: **Dasarahalli** Sub-Division:

Bill Received No.....Dated.....Cash Book Vocher No.....Dated.....

Scheduled Docket No..... Head of Account.....

Name of work (as Per Sanctioned Estimate.) **Improvements building and civil works at Mallasandra colony School in Mallasandra ward no. 13**

Name of Contractor and Full Address: : - **Technical Manger (West), Karnataka Rural Infrastructure Development Limited, Project Implementation unit, No. 280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010.**

Reference to Agreement No: **BBMP/EE/PD/WO/08/2017-18**

Certified that the measurements were taken by me on ...02/03/2018.....and recorded in pages. 189713 to 189731

Measurements Book No.....1898..... and that the work is satisfaction executed

Contractor Signature. Officer-in-charge of work.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Certified that the measurements were taken by me on ...2/3/18... and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Work Code No. 013-18-000045** Sub – Division Officer

Asst. Executive Engineer Project Sub Division-I Dasarahalli Zone, Bruhat Bengaluru Mahanagara Palike

		Amount
1	Total Value of work done or supplies made as per account.	Gross 2,99,058
2	Deduct amount to be held in reserve being ..... Percent Rs.	2T 5998
3	Deduct amount to be held in reserve being balance	FSD 149953.
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No.....	LWC 29990
	Amount adjusted towards cash advance recovery of	CBF 3000
	b) Payments cost store or other materials supplied.	Rg 29990
5	Balance being unpaid value of work done held in reserve	Total.....
6	Deduct cash advance made on the office cash book vehicle No.....	Ded 272914
	Dated..... Less adjustments	
7	Net amount due to or from contractor	net 27,26144-
	Unadjusted items	
8	Advance to contractor for materials brought to site (as detailed) within value of	
	Government materials supplied.	
	Government materials supplied. P-1878	

Received Rs. ..... (in words) .....

By cash and by adjustment of payment as per memorandam.

Witnesses:

1

2

Date:.....

Paid by me by cheque..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

Audited and admitted for Rs. 2,99,058/-

Passed by Cheque for Rs. 27,26,144/-

Twenty seven thousand two hundred and forty four only.

by account 2,72,914/-

Accounts Superintendent

Exe. Engineer

B.B.M.P Dasarahalli Division

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Contractor's Signature.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

(for use in the office)

Signature of Contractor.

Executive Engineer.

Sl. No.	Description of Items
1	Dismalting Cement concrete Flooring or plain cement concrete work including remvoing and conveying the de to distance up to 200m (within axerage thickness of 15 cms) Pg-25 item No. 5.34
2	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @ 220kgs with 20 mm down size graded granite metal curse aggregate @ 0.84cum and ifne aggregates @ 0.56 cum machine mixed in layers not exceeding 15cms thick well compacted in foundation, plinth and cills including cost of all mater labur HOM of machinery, curing, complete as per specificatio
3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 300Kgs 20mm and down size graded granite metal course aggregate @ 0.64cum and ifne aggregate @ 0.43cum superplastisiser @ 3ltr confirming to IS 9103-1999 Reafirming 2008 machine mixed, concree laid in layers exceeding 15cms thick, vibrated for all works in foundation plinth and ground level for roof slab, staircase, lint retaining, walls return walls wall (any thickness) including attached plasters, column, piers, abutmentspill posts, struts, buttresses, string or laceing courses, parapets, coping, bed blocks, anchor hooks plain window fillets, etc., including cost of all mateials, labour HOM of mahcineries, curing complete as per specification
4	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20 thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including lay POP on finished surface and cleaning the surface, including the cost of all materials, and labours etc., complete per specification using silver grey granite/multy Red /Ruby Red/ Black/Hassan Green Granite of width not less t 1200mm
5	Providing and applying to coats with all bound washable distemper of approved brand and shade on wall surf incuding primary coat with distemper primer after thorughly brooming the surface free from mortar drops and ot foreign matter including preparing suface even and sand paper smooth, cost of matieral labour complete as specification
6	Providing and applying to coats of wall putty to inside plaster walls and ceilling using white cement putty, scapp and leveling the surface using steel blade and preparing the surface even and smooth by using different gra sand papers including cost of mateials, cost of labour scaffolding etc., complete as per specificaiton
7	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glaze primer with anti fun paint for coat of approved brand and shade to give an even shade after thoughly brooming the surface toremove dirt and cloose powdered mateials, complete as per specification
8	Providing and fixing M. S Grill work for windows and ventilators wighing 21kg/sqm using M. S flats or M. S squ rods or combination of M. S flats and square rods as per approved design draiwng including cutting steel sectic and welding the same to requried pattern with a coat of red lead primer, incuding cost of mateials labour and H of machineries complete as per specification
9	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm ith cement morter 1:4 masonry (quoin, Jamb, closder, blocks) with solid block of size 400x150x200cms conforming to I. S 2185/1965 in super structure including cost materials, labour charges, scaffolding curing complete as per specification
10	Providing 20mm thick cement plaster in single coat with cement morter 1:6 to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, providing and remvoing scaffolding includin cost of materials, labour, cuirng complete as per specificatoin
11	Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to stone masonry & concrete surface including rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of mateials, labour curing complete as per specificaiton
12	Providing and fixing in positon in cement concrete 1 :3:6 steel glazed windows and ventilators side hung/top hung fully open able as per aprpoved drawings using z angles of 25x33x3mm, weighing 1.419 kg/m both for outer a inner framesand central mullion seciton of size 25x46x3mm weighing 2.28kg/m duly providing T sectoin 19x19x3mm weighing 0839kg/m for glazing of windws not more than 34cms c to c including providing and fixing 4mm thick redded glass withteawood beading of required size, all steel section should confirm to I. S 7452:199 4 Nos, of hold fasts of approved size section should cut to length welded and electrically grinded subdividing frames of unit shall be tononned and revetted into the frames electrically, all he steel surface shall e throughly cleaned free of rust and painted with one coat of anticorrosive paint and finsiing with two coats of ready mix paint of approved colour and make including cost of matieals, fixtures, labour and HOM of machinery complete as per specificaiton.

13	Providing and applyng red lead ready mix primary coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of mateirals, labour, complete as per specificaiton.
14	providing and applying enamel metal paint in two coats (excluding priming coat) over new steel or other met... surface brushing to give an even shade after cleaning oil grease, dirt and other foreign matter, including cost of mateials, labour complete as per specification.
15	Providing Honne wood frames of Doors, windows, clere story windows, ventilators and other frames, wrought framed or assembled including making laster groves (excluding cost of cement concrete and side clamps) but including cost of mateials, labour HOM of machineries complete as per specification
16	Providing and fixing in positon fully panelled Honne wood shutters for door styles and rails of 30mm, thick with bottom and lock rails 180mm wide top rails and styles 100mm wide as per drawing and pannels of 25mm thick including cost of mateials, labour HOM of machineries of complete as per specification (Excluding cost of fixtures)
17	Providing and fixing in position Honne wood fully panelled shutters for windows with styles and rails of 35mm thick, 75mm wide in two halves with apnels of 25mm thick including cost of matierals, labour charges HOM of machineries complete as per specification
18	Hinges 5" Heavy Duty
19	Handles powder cated 150mm
20	Tower bolt 30mm log
21	Door Lock
22	Construction of Embankment with approved materials Grave/Murrum with all lifts and leads, transporting to site, spreading grading to reuried slope and compacting to meet requirement table 300 2 complete as per specification (Whice includes cost of gravel/murrum watering charges & compaction by vibratory
23	Providing laying, spreading, and compacting stone aggregate to wet mix macadam specification including premixing the mateiral with water at OMC in mechanical mix pant carriage of mixed mateias by tipper to site laying in uniform layers with paver in sub /base course onw ell prepared surface and compacting with vibratory roller to achieve the desired density, compelte as per specificaiton
24	Construciton of dry lean cement concrete cement mix CC 1:5:10 with OPC cement @ 160kgs, with 25mm and down size graded gmite metal course aggregate at 0.86cuma nd fine aggregates @ 0.58 cum sub -base over a prepared sub-grade with (course and fine aggregate conforming to IS:383) Aggregate cement ration not exceed 15:1 aggregate gradiation after blending to be as per table 600-1 cement content not be be less than 160kgs /cum
25	Cement concrete pavement construciton of un reinforced plain cement concrete pavemnt, thickness as per design, over a prepared sub base with OPC cement or any other tpe as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates, with superplasister @ 3lts confirming to IS9103-1999 Reaffirmed F 2008 mied in a concrete mixer of not less than 0.6 cum capactiy and appropriate weigh batcher as per approved mix design, laid in approved fixed side from work from work (steel channel, laying, and fixing of 125 micron thick polythene film, wedgs, steel plates including levelling the form work as epr drawing) spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construciton and longitudianl joints, joint filler, separation, membrane, selant, primer joint filler sepration membrane, selant primer, joint sealnt, admixtures as approved curing compound finsihing to lines and grades as epr drawing complete as per specification M30 (at 36 kg per cum coarse aggregate @ 0.69cm and fine aggregate @ 0.43 cum)
26	Vaccum de -watering with vaccum pump and suciton mat and compaction with skin floater clubbed with floating disc including cost of gnerator, HOM of machinery, screed vibratory power floater blade and disc etc., with all lead and lfit PWD sR 2016-17
27	HDPE 110mm outter da 2.2kg/sqcm

28	Providing flooring with 20mm thick polished kadapa slabs using cement mortar 1:6 25mm thick over existing cement concrete bed or top of roof laid to the line and level and jointed with cement slurry mixed with pigment to match the shade of the slab including cost of matierals, labour, cuirng, polishing complete as per specificaiton	Sqm
29	Providing and applying one coat distemper primer of approved brand on wall surface throughly brooming the surface to remove all dirt, dust mortar drops and other foreign particals including preparing the surface even and sand paper smooth cost of matieals, labour complete as per specification	Sqm
30	Earthwork excavation for foundation of building culverts, wate supplying sanitary lines, and electrical conduits either pits or in trenches 1.5 m and above in width, in Hard oisl not exceeidng 1.5 m in depth including dressing bottom and sides of pits and trenches, stacking excavated soil clear form edges of excavation with lead up to 50m after breaking of clods complete as per specificiaton	Cum
31	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 palsteirng and finishing cutting etc., complete	Nos
32	Providng and laying in position plain cement concrete of mix 1;4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeidng 15cms thick, well compacted, in foundaiton including cost of mateirals, labour HOM of machinery curing compelte as per specificaiton	Cum
33	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new palsted concrete surfaces, with materals, labour complete as per specification.	Sqm
34	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery including cost of blade, coolant etc., including cleaning of grove & providing sand and hot bitumen fillars and filelr mateal etc., including cos tof conveyance of al amterials, labour lead and lfit charges and al lother incidential charges as epr drawing and as epr specificaiton	Mtr
	KRIDL Charges	
	CERTIFICATE	

1 This is to certify that the contractor has completed the work satisfactorily.

2 The contractor has cleared the debries from the work sport

3 The contractor has used his own vehicles for the coveying the debries.

4 There are no departmental issues for the above work.

			6.98	1193.40	8329.93	6.98	8329.93
			1200.77	27.00	32420.79	1200.77	32420.79
			4.84	305.64	1479.30	4.84	1479.30
			119.73	393.12	47068.26	119.73	47068.26
			2.42	5256.36	12720.39	2.42	12720.39
			16.16	63.60	1027.78	16.16	1027.78
			88.49	124.20	10990.46	88.49	10990.46
					2701857.92		2701857.92
					298142.08		298142.08
					3000000.00		3000000.00

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

qm				133.56	31.32	4183.10	133.56	4183.10
qm				133.56	88.56	11828.07	133.56	11828.07
um.				3.12	111083.40	346580.21	3.12	346580.21
Sqm				6.62	4472.28	29606.49	6.62	29606.49
Sqm				17.28	5279.04	91221.81	17.28	91221.81
Nos				6.00	37.00	222.00	6.00	222.00
Nos				6.00	60.00	360.00	6.00	360.00
Nos				6.00	120.00	720.00	6.00	720.00
Nos				2.00	410.00	820.00	2.00	820.00
Cum.				209.56	326.16	68350.09	209.56	68350.09
Cum.				97.24	1801.44	175172.03	97.24	175172.03
Cum.				72.91	4061.88	296151.67	72.91	296151.67
Cum.				72.91	6335.28	461905.26	72.91	461905.26
Sqm				486.22	97.20	47260.58	486.22	47260.58
mtr				28.00	185.00	5180.00	28.00	5180.00

	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
		Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
bris	Cum.				28.38	59.40	1685.77	28.38	1685.77
and laid als,	Cum.				23.76	5449.68	129484.40	23.76	129484.40
with with not els, ers, cill,	Cum.				30.33	5985.36	181535.97	30.33	181535.97
mm ring as han	tone				151.20	2828.52	427672.22	151.20	427672.22
ace her per	Sqm				812.37	76.68	62292.53	812.37	62292.53
ing de,	Sqm				81.24	60.48	4913.40	81.24	4913.40
gal all	Sqm				382.40	76.68	29322.43	382.40	29322.43
are ons OM	Kgs				1245.72	84.24	104939.45	1245.72	104939.45
	Sqm				61.20	979.56	59949.07	61.20	59949.07
g	Sqm				56.28	224.64	12642.74	56.28	12642.74
	Sqm				56.28	162.00	9117.36	56.28	9117.36
nd	Sqm				6.48	3812.40	24704.35	6.48	24704.35